



NC/QC/PYZ/2017-18/A-W16

Date: 21-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

{Project*: Improvements and asphaltting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.**TEST RESULTS****1. Gradation Test:****TABLE 1.1**

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	97.30	95-100
26.50	---	-
22.40	69.60	60-80
11.20	46.30	40-60
4.75	33.10	25-40
2.36	18.90	15-30
0.600	10.50	8-22
0.075	2.10	0-5

*As Furnished by Client

The Results relate only to the items tested

Page No. 1/2,

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For Newzen Consultants Bangalore

Proprietor



Date: 21-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	25.59 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	27.31	Not more than 35.0 %
3.	Water absorption, %	0.36 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

K. R.
KIRAN. R.
H.E. CHANDRAN

For Newzen Consultants Bangalore

Page No. 2/2

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NC/QC/PYZ/2017-18/A-W17

Date: 21-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

{Project*: Improvements and asphaltting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	96.10	95-100
26.50	---	-
22.40	70.25	60-80
11.20	51.20	40-60
4.75	36.15	25-40
2.36	22.40	15-30
0.600	17.50	8-22
0.075	3.10	0-5

*As Furnished by Client

The Results relate only to the items tested

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Date: 21-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	25.85 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	26.85 %	Not more than 35.0 %
3.	Water absorption, %	0.37 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

Page No. 2/2

KIRAN. R
S.E. Civil Engg.

Kiran R
For Newzen Consultants Bangalore
Proprietor



NC/QC/PYZ/2017-18/A-W18

Date: 22-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

{Project*: Improvements and asphaltting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	97.80	95-100 -
26.50	---	-
22.40	63.30	60-80
11.20	51.20	40-60
4.75	26.10	25-40
2.36	22.60	15-30
0.600	12.50	8-22
0.075	2.10	0-5

*As Furnished by Client

The Results relate only to the items tested

Page No. 1/2,

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For Newzen Consultants Bangalore

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Date: 22-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.62 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	25.89 %	Not more than 35.0 %
3.	Water absorption, %	0.35 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

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Page No. 2/2

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NC/QC/PYZ/2017-18/A-W19

Date: 22-08-2017

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphaltting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	96.60	95-100
26.50	---	-
22.40	61.10	60-80
11.20	46.30	40-60
4.75	33.90	25-40
2.36	20.40	15-30
0.600	12.60	8-22
0.075	3.80	0-5

*As Furnished by Client

The Results relate only to the items tested

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Date: 22-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	26.84 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	25.04 %	Not more than 35.0 %
3.	Water absorption, %	0.34 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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NC/QC/PYZ/2017-18/A-W20

Date: 22-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

{Project*: Improvements and asphaltting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	99.60	95-100
26.50	---	-
22.40	73.60	60-80
11.20	50.20	40-60
4.75	31.90	25-40
2.36	19.80	15-30
0.600	14.30	8-22
0.075	2.20	0-5

*As Furnished by Client

The Results relate only to the items tested

Page No. 1/2,

KIRAN. R
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For Newzen Consultants Bangalore

Proprietor



Date: 22-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	25.30 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	26.85	Not more than 35.0 %
3.	Water absorption, %	0.35 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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For Newzen Consultants Bangalore

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NC/QC/PYZ/2017-18/A-W21

Date: 22-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

{Project*: Improvements and asphaltting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	96.20	95-100
26.50	---	---
22.40	74.55	60-80
11.20	49.10	40-60
4.75	36.35	25-40
2.36	20.40	15-30
0.600	15.65	8-22
0.075	2.90	0-5

*As Furnished by Client

The Results relate only to the items tested

K. R.
KIRAN. R.
22-08-2017

Page No. 1/2,

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Proprietor



Date: 22-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	25.72 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	27.55	Not more than 35.0 %
3.	Water absorption, %	0.36 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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NC/QC/PYZ/2017-18/A-W21

Date: 22-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

{Project*: Improvements and asphaltting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	96.10	95-100
26.50	---	-
22.40	64.70	60-80
11.20	49.60	40-60
4.75	30.20	25-40
2.36	24.90	15-30
0.600	16.10	8-22
0.075	4.30	0-5

*As Furnished by Client

The Results relate only to the items tested

Page No. 1/2,

KIRAN. R
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Proprietor



Date: 22-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	26.00 %	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	25.51 %	Not more than 35.0 %
3.	Water absorption, %	0.35 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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NC/QC/PYZ/2017-18/A-W23

Date: 23-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

{Project*: Improvements and asphaltting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	99.30	95-100
26.50	---	-
22.40	71.50	60-80
11.20	53.90	40-60
4.75	37.40	25-40
2.36	25.10	15-30
0.600	10.30	8-22
0.075	5.10	0-5

*As Furnished by Client

The Results relate only to the items tested

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